OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8

Premeasurements:

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. 1st and final bill

496311

Name of Work Improvements to roads From of Narayanagutta in ward no:07 - byatarayana To

Name of Contractor of nature of Agency :- p.w.a. M/s. KRIDL

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost of work:-	Rs. 30.00 lakhs					
	Job Number:-	007-18-000042					
	Head of account:-	P3333					
	A.S. No.:-	AS/EE/BTP)/146/17-18; dt: 23.12.17					
	T.S. No:-	TS/CE(VMK)/531/17-18; dt: 12.01.18					
	Agp no:-	NO.EE(BTP/Agp/100/17-18; dt: 02.03.18 [07]					
	Work order no:-	NO.DBM/EE/BTP/WO/17-18; dt: 02.03.18 P:3333-					
	Work order amount:-	Rs. 29,98,978 (including KRIDL charges)					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01:- Premeasurements recorded on: 11-09-18						
	Earthwork for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity:) Nanjanagara:-						
	1st cross-UGD cut portion.	2	30.0	2.0	0.23	= 41.40	
	Potholes	5	3.0	2.50	0.23	= 8.63	
	1st 'A' cross-UGD cut portion	01	20.0	2.50	0.23	= 1.15	
	1st 'B' cross- potholes	05	2.0	2.0	0.23	= 4.60	
	1st 'C' cross- badreach:	01	6.5	10.0	0.23	= 14.95	
	2nd cross - UGD cut portion.	02	30.0	2.50	0.23	= 34.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	3rd cross-road cutting	0
	Pot-holes	1
	4th cross - UGD road cut-portion.	02
	Pot-holes	0
	5th cross - potholes	05
	6th cross - UGD road cut portion.	01
	Actually U.D	

AE(UG)

Depth 6	Contents 7	Reference to last Measurement 8
8	hydraulic excavator by	
.23 =	41.40	
.23 =	8.63	
0.23 =	1.15	
.23 =	4.60	
.23 =	14.95	
0.23 =	34.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496312

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3rd cross-road cutting	08	5.0	2.0	0.23 =	18.40	
	Pot-holes	10	2.5	1.5	0.23 =	8.63	
	4th cross - UGD road cut-portion.	02	30.0	2.0	0.23 =	27.60	
	pot-holes	08	2.0	2.50	0.23 =	9.20	
	5th cross - potholes	05	3.0	2.50	0.23 =	8.63	
	6th cross - UGD road cut portion.	01	30.0	2.0	0.23 =	13.80	
						191.49 cum.	
	Checked Dwg 11/9/18 Antrlly. U.D	Qty	Ltd to	191.26 cum			

AE(WC)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 02:- Premeasurements recorded on: 13-09-18						
	Providing laying, spreading and compacting graded stone aggregates to wet-mix-macadam.						
	Qty vide item no 0.1 → 19 1-~~20~~ cum						
	~~EE~~ Asst Exe Engg-N.D / 13/9/18 AE (W4)						
	Item No 0:- Premeasurements recorded on: 13-09-18						
	Cleaning the existing blacks topped surface.;						
	Nanjanagara - 1st cross:-						
	CH.		$(B_1+B_2)/2$				
	0-30	01	30.0	$\frac{8.4+8.1}{2}$	-	247.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	1st 'D' cross

ntents	Reference to last Measurement
7	8
g graded stone	
ce,)	
247.50	

M. A. R. 57 (Rule 116) **No. B**

Measurement Book

496313

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	30-60m	01	30.0	(6+6.2)/2	-	= 186.0	
	60-90m	01	30.0	(6.2+5.8)/2	-	= 186.0	
	90-120m	01	30.0	(5.8+5.2)/2	-	= 171.0	
	120-150m	01	30.0	(5.2+5.6)/2	-	= 165.0	
	150-180m	01	30.0	(5.6+5.3)/2	-	= 168.0	
	180-192m	01	12.0	(5.3+5.7)/2	-	= 67.20	
				Total=		1190.70 Sqm	
	1st 'D' cross: 0-25m	01	25.0	(5.1+6.2)/2	-	= 141.25	
	25-30m	01	5.0	(6.2+3.7)/2	-	= 24.75	
						166.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st 'b' cross: 0-27m	01	27.0	(5+5.8)/2	-	= 145.8 sqm	
	1st 'c' cross: 0-30m	01	30.0	(6.8+6.5)/2	-	= 199.50	
	30-60m	01	30.0	(6.5+5.1)/2	-	= 174.0	
	60-90m	01	30.0	(5.1+4.9)/2	-	= 147.0	
	90-120m	01	30.0	(4.9+5.2)/2	-	= 151.50	
	120-130m	01	10.0	(5.2+5.1)/2	-	= 51.50	
						723.50 sqm	
	2nd cross: 0-30m	01	30.0	(5+4.7)/2	-	= 145.50	
	30-60m	01	30.0	(4.7+4.3)/2	-	= 135.0	
	60-90m	01	30.0	(4.3+4.9)/2	-	= 138.0	
	90-120m	01	30.0	(4.9+5.4)/2	-	= 154.50	
	120-150m	01	30.0	(5.4+4.6)/2	-	= 150.0	
	150-170m	01	20.0	(4.6+5.2)/2	-	= 98.0	
						821.00 sqm	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	2nd 'b' cross
	0-2
	3rd cross:
	0-2
	30-6
	60-9
	90-12
	120-1
	150-18
	180-1

Contents	Reference to last Measurement
7	8
= 145.8 sqm	
= 199.50	
= 174.0	
= 147.0	
= 151.50	
= 51.50	
723.50 sqm	
= 145.50	
= 135.0	
= 138.0	
= 154.50	
= 150.0	
= 98.0	
821.00 sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496314

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cross:					152.40	
	0-24 m	01	24.0	(6.2+6.5)/2	-	= ~~6.35~~ sqm	NDD Actual
	3rd cross:						
	0-30 m	01	30.0	(5.1+5.3)/2	-	= 156.0	
	30-60 m	01	30.0	(5.3+6.0)/2	-	= 171.0	
	60-90 m	01	30.0	(6+5.1)/2	-	= 168.0	
	90-120 m	01	30.0	(5.2+5.8)/2	-	= 165.0	
	120-150 m	01	30.0	(5.8+5.4)/2	-	= 168.0	
	150-180 m	01	30.0	(5.4+5.8)/2	-	= 165.0	
	180-185 m	01	5.0	(5.8+9.7)/2	-	= 39.0	
						1032.0 sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd 'D' cross:- 0-25m	01	25.0	(6.6+6.8)/2	-	= 167.50 sqm	
	4th cross:- 0-6.0m	01	6.0	(7.5+4.7)/2	-	= 37.20	
	6-30m	01	24.0	(4.7+5.3)/2	-	= 120.0	
	30-60m	01	30.0	(5.3+4.7)/2	-	= 150.0	
	60-90m	01	30.0	(4.7+5.3)/2	-	= 150.0	
	90-120m	01	30.0	(5.3+4.7)/2	-	= 150.0	
	120-150m	01	30.0	(4.7+4.8)/2	-	= 142.50	
	150-180m	01	30.0	(4.8+5.6)/2	-	= 156.00	
						905.70 sqm	
	5th cross:- 0-30m	01	30.0	(7.5+5.5)/2	-	= 195.0	
	30-60m	01	30.0	(5.5+6.5)/2	-	= 180.0	
	60-90m	01	30.0	(6.5+5.7)/2	-	= 175.5	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	90-120m
	120-150m
	150-160m
	6th cross:- 0-30m
	30-60m
	60-90m
	Cross road: 0-30m
	30-82

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
		167.50 sqm	
		37.20	
		120.0	
		150.0	
		150.0	
		150.0	
		142.50	
		156.00	
		905.70 sqm	
		195.0	
		180.0	
		175.5	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496315

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	90-120m	01	30.0	(5.2+5.5)/2	-	= 160.50	
	120-150m	01	30.0	(5.5+5.2)/2	-	= 321.0	
	150-160m	01	10.0	(5.2+4.9)/2	-	= 50.50	
						1082.50 sqm	
	6th cross:- 0-30m	01	30.0	5.2	-	= 156.0	
	30-60m	01	30.0	(5.2+5.4)/2	-	= 159.0	
	60-90m	01	30.0	(5.4+5.6)/2	-	= 165.0	
						480.0 sqm	
	Cross road: 0-30m	01	30.0	5.0	-	= 150.0	
	30-82	01	52.0	5.0	-	= 260.0	
						410.0 sqm	

Checked 13/9/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total = 1277.50 sqm	
	Abstract N.D Method						
	Item No. 03:- Premeasurements recorded on: 14-9-18						
	Providing and applying primer coat with SS bitumen emulsion:						
	On WMM surface:-						
	Narayanagara:-						
	1st cross:	3	30.0	2.0	-	= 180.0	
		5	3.0	2.50	-	= 37.50	
	1st 'A' cross:	01	20.0	2.50	-	= 50.0	
	1st 'B' cross:	05	2.0	2.0	-	= 20.0	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	1st 'c' cross
	2nd cross:
	3rd cross:
	4th cross:
	5th cross:
	6th cross:
	Etc

Contents	Reference to last Measurement
7	8
sqm	
ss bitumen	
180.0	
37.50	
50.0	
20.0	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496316

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st 'c' cross	01	6.50	10.0	–	= 65.0	
	2nd cross:	02	30.0	2.50	–	= 150.0	
	3rd cross:	08	5.0	2.0	–	= 80.0	
		10	2.50	1.50	–	= 37.50	
	4th cross:	02	30.0	2.0	–	= 120.0	
		08	2.0	2.50	–	= 40.0	
	5th cross:	05	3.0	2.50	–	= 37.50	
	6th cross:	01	30.0	2.0	–	= 60.0	
						877.50 sqm	
	Qty upto 10.8.81 1.58 sqm						

Abstt. N.D
AE (Civil)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No.	Premeasurements recorded on. Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surface., Qty vide item no → 7277.10 sqm						

Checked
14/9

Applied N.D
Agency).

Serial No. MAIN-BILL:
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Item No.01:-	Earthwork excavator of 0.90 cu in tippers, trimming ments of lines, grad embankment locatio Qty vide pa At the rate
Item No.02:-	Providing Aggregate to wet mi

OK

Depth 6	Contents 7	Reference to last Measurement 8
zing 80/100 grade		
surface,		
77.10 sqm		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496317

Serial No. MDRN-BRLI

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.01:- Earthwork excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections and transporting to embankment location and complete.)						
	Qty vide page no. 496312 →					191.26 cum	
	At the rate of Rs. 148.76 →						28451.84
	Item No.02:- Providing laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	material with water at site in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with pavers in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification.						
	Qty vide page no 496312 →					191.26 cum	
	At the rate of Rs. 1768.08 →						338162.98
	Item No 4 :- Providing and clearing the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or compressed air to reciere bituminous						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	treatment including c
	Qty vide pag
	At the rate
	Item No 03:- Providing and
	on prepared surface
	Clearing of road sur
	kg/sqm using mecha
	Qty vide pag
	At the rate

pth 6	Contents 7	Reference to last Measurement 8
eal mix plant carriage g in uniform layers with ared surface and ve the desired density		
0.6 cum		338162.98
black topped surface dusting with old ovriere bituminous		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496318

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	treatment including cost of all materials, labour, hire of equipments, Qty vide page no 496315 → At the rate of Rs 3.18 →					7277.10 sqm	23141.18
	Item No 03:- Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete. Qty vide page no 496316 → At the rate of Rs 27.56 →					831.58 sqm	22918.34

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 05 :- Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surface at 2.5 kg/10sqm heating bitumen in boiler fitted with spray set (cost of all materials, labour, hire of machineries complete, as per specifications:						
	Qty vide page no. 496/516 →					7277.10 sqm	
	At the rate of Rs. 11.66 →						84850.99
	Item No 6 :- Providing and laying bituminous concrete 40mm compacted thickness with VG30 bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	work site, layi grade, level and tandem rollers to Narayanagara: 1st cross:
	C&FC 30 60 90 120 150
	30/01

BOOK

...s		Contents	Reference to last Measurement
...adth 5	Depth 6	7	8
...oat using 80/100 grade			
...pped surface at 2.5 kg/10sqm			
...th spray set (cost of all			
...e complete, as per			
		72777.10 sqm	84850.99
...ous concrete 40mm compacted			
...using 40-60 ftmp using			
..., premixed with bituminous			
...ransporting the hot mix to			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

496319

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction.,						
	Narayanagara:			(Avg.B)			
	1st cross:						
	0-30m	01	30.0	8.2	0.04	= 9.84	
	30-60m	01	30.0	6.2	0.04	= 7.44	
	60-90m	01	30.0	6.2	0.04	= 7.44	
	90-120m	01	30.0	5.7	0.04	= 6.84	
	120-150m	01	30.0	5.5	0.04	= 6.60	
	150-180m	01	30.0	5.6	0.04	= 6.72	
						44.88	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	44·88	
1	2	3	4	5	6	7	8
	180-192m	01	12·0	5·6	0·04	= 2·70	
	1st 'A' cross:						
	0-25m	01	25·0	5·65	0·04	= 5·65	
	CFG 25-30m	01	5·0	4·95	0·04	= 0·99	
	1st 'B' cross 0-27m	01	27·0	5·40	0·04	= 5·83	
	1st 'C' cross 0-30m	01	30·0	6·65	0·04	= 7·98	
	30-60m	01	30·0	5·80	0·04	= 6·96	
	60-90m	01	30·0	4·90	0·04	= 5·80	
	90-120m	01	30·0	4·95	0·04	= 5·94	
	120-130m	01	10·0	5·15	0·04	= 2·06	
						88·80 cum	
	2nd cross: 0-30m	01	30·0	4·85	0·04	= 5·82	
	30-60m	01	30·0	4·80	0·04	= 5·40	
	60-90m	01	30·0	4·60	0·04	= 5·52	
						105·53	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	90-120m
	120-150m
	150-170m
	2nd 'A' cross:- CFG 0-24m
	3rd cross:- 0-30m
	30-60m
	60-90m
	90-120m
	120-150m
	150-180m

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.04	= 2.70	
0.04	= 5.65	
0.04	= 0.99	
0.04	= 5.83	
0.04	= 7.98	
0.04	= 6.96	
0.04	= 5.80	
0.04	= 5.94	
0.04	= 2.06	
	88.80 cum	
0.04	= 5.82	
0.04	= 5.40	
0.04	= 5.52	
	105.53	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496320

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	90-120 m	01	30.0	5.15	0.04	= 6.18	
	120-150 m	01	30.0	5.0	0.04	= 6.0	
	150-170 m	01	20.0	4.90	0.04	= 3.92	
	2nd 'A' cross:						
	0-24 m	01	24.0	6.35	0.04	= 6.10	
						38.95 cum	
	3rd cross:						
	0-30 m	01	30.0	5.20	0.04	= 6.24	
	30-60 m	01	30.0	5.70	0.04	= 6.84	
	60-90 m	01	30.0	5.60	0.04	= 6.72	
	90-120 m	01	30.0	5.50	0.04	= 6.60	
	120-150 m	01	30.0	5.60	0.04	= 6.72	
	150-180 m	01	30.0	5.50	0.04	= 6.60	
						167.45	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	180-185m	01	5.0	7.80	0.04	= 1.56	
	3rd ⊥ cross 0-25m	01	25.0	6.70	0.04	= 6.70	
						50.98 cum	
	4th cross 0-6m	01	6.0	6.20	0.04	= 1.50	
	6-30m	01	24.0	5.0	0.04	= 4.80	
	30-60m	01	30.0	5.0	0.04	= 6.0	
	60-90m	01	30.0	5.0	0.04	= 6.0	
	90-120m	01	30.0	5.0	0.04	= 6.0	
	120-150m	01	30.0	4.75	0.04	= 5.7	
	150-180m	01	30.0	5.20	0.04	= 6.25	
						36.25 cum	
	5th cross 0-30m	01	30.0	6.50	0.04	= 7.80	
	30-60m	01	30.0	6.0	0.04	= 7.20	
	60-90m	01	30.0	5.85	0.04	= 7.02	
						255.98	

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	90-120m	01
	120-150m	01
	150-160m	01
	6th cross: 0-30m	01
	30-60m	01
	60-90m	01
	Cross road: 0-30m	01
	30-92m	01

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		167.95	
30	0.04 =	1.56	
70	0.04 =	6.70	
		50.98 cum	
0	0.04 =	1.50	
0	0.04 =	4.80	
0	0.04 =	6.0	
0	0.04 =	6.0	
0	0.04 =	6.0	
75	0.04 =	5.7	
20	0.04 =	6.25	
		36.25 cum	
50	0.04 =	7.80	
0	0.04 =	7.20	
85	0.04 =	7.02	
		255.98	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496321

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						232.98	
	90-120m	01	30.0	5.30	0.04 =	6.36	
	120-150m	01	30.0	5.30	0.04 =	6.36	
	150-160m	01	10.0	5.0	0.04 =	2.00	
						36.75 cum	
	6th cross: 0-30m	01	30.0	5.20	0.04 =	6.25	
	30-60m	01	30.0	5.30	0.04 =	6.36	
	60-90m	01	30.0	5.50	0.04 =	6.60	
	Cross road: 0-30m	01	30.0	5.0	0.04 =	6.0	
	30-92m	01	65.0	5.0	0.04 =	13.00	
						38.21 cum	
				Total =		289.95 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	At the rate of Rs. 7083.98 →						2054000.00
	Item No. 07:- Providing and laying of hot applied thermoplastic compound 2.5mm th including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC: 35:						
	LN1 Compound road:	2	535	0.15	–	= 160.50	
	Nanjanagara:	89	3.0	0.15	–	= 40.05	
	1st cross:	32.0	0.10	–	–	= 3.2	
	1st A cross	5.0	0.10	–	–	= 0.50	
	1st B cross	4.0	0.10	–	–	= 0.40	
	1st C cross	22.0	0.10	–	–	= 2.20	
	2nd cross	28	0.10	–	–	= 2.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2nd 'A' cross
	3rd cross
	4th cross
	5th cross
	6th cross
	Cross road:
	~~1st cr, 1st A, B, C~~
	~~2nd, 2nd A, 3rd, 4th, 5th~~
	At the r

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
→			2054000·00
applied thermoplastic			
oricing glass beads at			
5mm is exclusive of			
RRC: 35:			
.15	= 160·50		
.15	= 40·05		
	= 3·2		
	= 0·50		
	= 0·40		
	= 2·20		
	= 2·80		
	= 3·0		

209·65

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496322

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd 'A' cross	4·0	0·10	–	–	= 0·40	
	3rd cross	31·0	0·10	–	–	= 3·10	
	4th cross	30·0	0·10	–	–	= 3·0	
	5th cross	27·0	0·10	–	–	= 2·70	
	6th cross	15·0	0·10	–	–	= 1·50	
	Cross road:	15·0	0·10	–	–	= 1·50	
	~~1st cr, 1st A, B, C~~ ~~2nd, 2nd A, 3rd, 4th, 5th, 6th~~				~~total~~ =	~~21·30 sqm~~	NDP DE(LT)
	At the rate of Rs. 542·72 →					= 271·90 sqm	Qty Ltd = 260.43 sqm
						14134055	14134

Cheque
Ref 17/1/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						26,92,866-00	
			Total =			~~2563085.76~~	
	Add 10% KRIDL charges =					~~256308.53~~ 2,69,287-00	
	Add 1% labour cess charges =					~~2563.85~~ 26,929-00	
						9. Total Rs. 29,89,081-00	
						~~2845024.64~~	
						Abstract N.D AE (Civil) 17/12/18	
	Duly 17/12/18						

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work 6th

Date	Full description, etc, of work	Number
1	2	5th 3 cr
		4th cr
		3rd cr
		2nd cr
		1st cr
	Abstract N.D AE (Civil)	Nany

OK

Depth 6	Contents 7	Reference to last Measurement 8
	26,92,866-00	
	25630 85.26	
508.53	269287-00	
25630.85	26929-00	
	G. Total Rs. 29,89,081-00	
	28450 24.64	
	Abstract N.D	
	AE (Ast)	
	17/12/18	

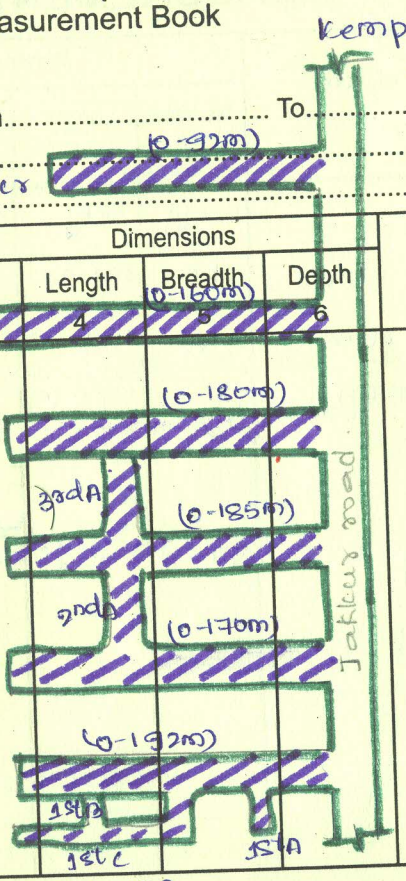
M. A. R. 57 (Rule 116)
Measurement Book

No. B

496323

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		5th cr		(0-150m)			
		4th cr		(0-180m)			
		3rd cr		(0-185m)			
		2nd cr		(0-170m)			
		1st cr		(0-192m)			



INDEX
- Asphalted road.

Abstract N.D
AE (Ast)

Nanjanagooda

MEASUREMENT BOOK

Royalty charges:

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		coarse		Fine.			
Sl.No.	Details	Coeff	Qty	Coeff	Qty.		
02.	WMM → 191.26 cum.	1.0	191.26	-	-		
06.	BC → 289.95 cum	1.40	405.93	-	-		
	Total=		597.19	-	-		
	Abstract:						
	1) Coarse aggregate = 597.19	x105	cum=		62704.95	✓	

Serial No. Certificate:

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	1) certified that contra
	2) certified that debris
	3) certified that abo other grades.
	Asstt.E.N.D. AE(Nat)

Contents	Reference to last Measurement
7	8
704 95	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. Certificate:
Name of Work ..... From..... To..... 496324
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) certified that contractor has completed the work satisfactorily. 2) certified that debris has been removed from work spot. 3) certified that above the grants are not claimed under any other grants. Asst Exe. Engg. N.D AE(Hot)						

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

MEASUREMENT BO

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	2	3	4	5	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2989081-00 ಗಳಿಗೆ ಪಾವತಿ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 363971-00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 2656110-00 Rs Twenty six lakh fifty six Thousand one hundred ten only ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 30/01 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ. ಬೆ. ಮ. ಪಾ ಕಾ. ಪಾ. ಅ. 30/01 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ. ಬೆ. ಮ. ಪಾ				Total Rs: 29,89,081-00 IT- 59782-00 Cess- 29891-00 CBF- 2989-00 LR- 62704-00 FSD- 149454-00 CGST- 26688-00 SGST 26688-00 Fine 5775-00 Adju 363971-00 Cheque 2656110-00	

Serial No. Premeasurement
Name of Work Improvements
Name of Contractor of nature of Ag
Date of commencement of work

Date	Full description, etc, of w
1	2
	Est cost :- Job Number :- Head of account A-S NO:- T-S.NO:- Work-order amou